



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX

TO

VOLUME THE FOURTH.

- AARAU, 243.
 Aarberg, 243, 244.
 Aargaurian Tura, 203.
 Ababech, 180.
 Abeokuta, 44.
 Abeokuta, King of, 221.
 Abercromby, Sir R., 119.
 Aberdeen, Earl of, 118.
 Abich, Dr., 97, 98.
 Abourovnia, 219.
 Achill Head, 148.
 Adelaide, 77, 78, 93, 155, 194.
 Aden, 50, 56.
 Admiralty Inlet, 9.
 ———— Surveys, 145.
 Afghanistan, 32, 198.
 Africa, 22, 23, 27, 28, 40, 41, 43, 56, 66,
 69, 70, 76, 87, 88, 121, 175, 186, 220,
 221, 222, 250.
 ————, Eastern, 22, 205, 222.
 ————, South, 28, 63, 89, 153, 223.
 ————, Western, 183, 218 *et seq.*
 Agarezawt, 52.
 Ahülko, 250.
 Ailort, Loch, 147.
 Aird, Mr., 148.
 Ajana, 21.
 Akershus, 241.
 Akkah, 151.
 Aksi River, 91.
 Alatau, 197.
 Alderney, 146.
 Aleppo, 187.
 Alexander of Macedon, 248.
 Algeria, 183, 184.
 Allahabad, 30.
 Alldridge, Commr., 146, 147.
 Alorie, 186.
 Alsh, Loch, 148.
 Amalfi, 202.
 Amazon, 174.
 Ambriz, 70.
 America, 10, 37, 49, 62, 74, 75, 76, 107,
 112, 120, 166 *et seq.*, 221, 233, 235, 238.
 ————, British North, 36, 75, 169, 170,
 228 *et seq.*
 ————, North, 113, 122, 167.
 America, South, 33, 47, 48, 122, 174, 175,
 239.
 ————, Telegraphic Communication with,
 101 *et seq.*
 Amos, Messrs., 184.
 Amoy, 59.
 Amür, 197.
 Anderson, Mr., 2, 3, 13.
 Andersson, Mr. C. J., 63, 72, 182.
 Andes, 48, 49.
 ———— Railway, 45 *et seq.*
 Andí, 248, 249.
 Angipenna, 93.
 Angola, 70, 72, 181.
 Angostura, 47.
 Anguilla, 57.
 Anhín, 214.
 Antarctic Ocean, 240.
 Antilles, 192.
 Apes' Hill, 149.
 Appealina, 93.
 Appenzell, 245.
 Arabia, 52.
 Arabian Sea, 55, 56.
 Aracan, 218.
 Ararat, 253.
 Archdeacon, Mr., 156.
 Arctic Ocean, 116, 232, 236, 237, 239.
 ———— Regions, 10, 106, 200, 235.
 Argentine, 174, 175.
 Argentine Confederation, 46.
 Armenia, 253.
 Arrian, 51.
 Arrowsmith, Mr., 182, 197, 233, 234.
 Arta, Gulf of, 118.
 Artesian Wells, 95.
 Ash, 184.
 Ashburton, Lord, 209, 225.
 Ashman-street, 219.
 Asia, 7, 32, 187, 192, 240.
 ————, Central, 91, 97, 197, 198, 253.
 ————, Minor, 253.
 ————, Western, 97.
 Assam, 33.
 Assinnibœine, 171, 172.
 Astrakhan, 247.
 Athabasca Portage, 234.

- Atkinson, Mr., 197, 205.
 Atlantic Ocean, 7, 10, 36, 45, 72, 74, 75,
 107, 113, 173, 175, 235, 238, 253.
 ———, North, 237, 239.
 Telegraph, 101, 169.
 Aubert, Lieut., 240.
 Augusta, Port, 78.
 Aunbire, 72.
 Austen, Capt. H. Godwin, 31, 32, 188.
 Austin, Admiral, 2, 6, 10, 11.
 Australia, 37, 40, 48, 49, 60, 79 *et seq.*,
 122, 154, 157, 191, 193, 196, 253,
 254.
 Australian Alps, 82, 95, 97, 195.
 Australia, N.E., New Harbour in, 79.
 ———, South, 78, 79, 82, 93 *et seq.*
 ———, S.E., 84.
 ———, Western, 78, 82, 95, 96.
 Austria, 201.
 Avars, country of the, 248, 249.
 Ayas, 150.
 Azof Sea, 198, 199.
 Azores, 238.
 Ba'albek, 151.
 Back River, 5, 7, 12, 13, 167.
 Back's Fish River, 4.
 Back, Sir G., 5, 9, 112.
 Baffin Bay, 7, 105, 113, 238.
 ———, discoveries of, 167.
 Bahia, 175, 256.
 Bahr el Abiad, 41.
 ——— Ghazal, 39, 40, 41, 180.
 Baikie, Dr., 183.
 Baily, Arthur, 145.
 Bainbridge, Joseph, 145.
 Baines, Mr., 20, 25.
 Baker, Col. G., 117 *et seq.*
 Balkhash Lake, 197.
 Ball, Mr. John, 233.
 Ballinskellig Bay, 148.
 Ballyheige, 148.
 Ballynakill Bay, 148.
 Ballysadare Bay, 148.
 Bangara, 89.
 Bangkok, 189, 190, 213, 215, 216.
 Bangkok to Pecha-buri, 213.
 Bangplasoï, 214, 215.
 Banka Strait, 153.
 Banks Land, 8.
 Banlam, 212, 214.
 Baños, 174.
 Baramula Pass, 32.
 Barancas Blancas, 47.
 ——— de las Llamas, 46.
 Barentz, 238.
 Bari, 89.
 Baring, Sir F., 115.
 Barking Reach, 146.
 Barnes, Mr., 221.
 Barnstaple Creek, 147.
 Barrier Reef, 80.
 Barron, Mr., 36.
 Barrow Strait, 238.
 Barth, Dr., 183.
 Bass Straits, 82.
 Bathurst Island, 7, 8.
 Battle River, 172.
 Bay of Biscay, 152.
 Bayfield, R. Admiral, 156.
 Beaupré, B. M., 148.
 Becher, Cape, 8.
 Bedford, Commr., 147, 148.
 Bedingfeld, Commr., 23, 24, 25, 26, 66 *et seq.*
 Beechey, Commander, 148.
 ——— Island, 2, 3, 10, 11, 167.
 Bedwell, Mr., 154, 155.
 Begbie, Chief Justice M., 33, 34, 35.
 Beirut, 150, 151.
 Beke, Dr., 204.
 Belcher, Sir E., 2, 6, 7, 18, 19, 35, 85, 107,
 252.
 Belfast Lough, 148.
 Belgium, 201.
 Belleisle Straits, 108, 155.
 Bellot Strait, 2, 3, 57, 113.
 Bembe, 70.
 Bengal, 216.
 ——— Bay, 2, 240.
 ———, Gulf of, 190.
 ———, Lower, 30.
 Benguela, 63, 66.
 Benin, Bight of, 28, 218.
 Bentley, Mr., 168.
 Bergen, 241, 242.
 Berger, Capt., 86, 250.
 ———, Capt. W. C., 206.
 Bergsträsser, Dr., 198.
 Bering Strait, 7, 168, 238.
 Berkeley, Captain, 19.
 Berlin, 102.
 Bermuda Reefs, 85.
 Berne, 243.
 Bethabara, 151.
 Bethel, 151.
 Bethlehem, 151.
 Bibikoff, M., 247.
 Bidassoa, 148, 149.
 Bideford Creek, 147.
 Bilbao, 149.
 Biscay, Bay of, 152.
 Blackfoot Country, 73.
 Blackie and Son, Messrs., 203.
 Black, Messrs. A. and C., 206.
 Blackney, Mr., 154.
 Black Sea, 199, 241.
 Blackwall Reach, 146.
 Blackwood, Capt., 80.
 Blakiston, Capt., 231, 253.
 Blanc, Mont, 47, 188, 244.
 Blanche Cup, 93.
 Blanky, Capt., 12.
 Blueberry River, 229.

- Blue River, 191.
 Board of Trade, Meteorological Department,
 160, 161, 162, 163.
 Bode, Baron de, 91, 94, 187, 245.
 Bollaert, W., 49, 109, 206.
 Bombay, 54, 55, 57, 174, 212.
 Bon, Cape, 152.
 Bonderba, Ismael M., 184.
 Boothia, 2, 7, 113.
 ——— Isthmus of, 10.
 Bouchier, Mr., 147.
 Bowie, Lake, 25.
 Bowditch, 183, 186.
 Bowen, Port, 80.
 ———, Sir G. F., 79, 195.
 Bow Island, 85, 86.
 Bowren, T., 218.
 Bowring, Sir J., 217.
 Bow River, 232.
 Brabant, 201.
 Bratsberg, 241.
 Brazil, 28, 48, 121, 175, 239.
 Brehem, 190.
 Bridgewater, 147.
 Brine, Lieut. Lindesay, 191.
 Brisbane, Admiral, 122.
 ———, Sir T. M., 119 *et seq.*
 Bristol Channel, 146, 147.
 British Association, Address to the Ethno-
 graph. and Geograph. Section, 250 *et seq.*
 British Isles, 152.
 British Columbia, 33 *et seq.*, 74, 155, 172,
 226, 253.
 ——— India, 125.
 ——— North America, 36, 75, 169, 170, 228
 et seq.
 Broad Sound, 80, 81, 147.
 Broch, Col., 241.
 Brooker, Lieut., 149, 150.
 Browne, Lieut., 8.
 Brunel, I. K., Esq., 123 *et seq.*
 ———, Sir Mark I., 123.
 Buchwalder, M., 245.
 Buenos Ayres, 49.
 Buist, Dr. George, 50 *et seq.*, 187.
 Bukhara, 198.
 Bull, Mr., 155.
 Bullock, Lieut., 153, 154.
 Burckhardt, 151.
 Burke, Mr., 194.
 Burnes, Sir Alexander, 125.
 Burra Range, 84.
 Burrard Inlet, 155.
 Burton, Capt., 40, 41, 175, 176, 177, 182,
 251.
 Bushir, 187.
 Buskerud, 241.
 Bussora, 187.
 Buy, Loch, 147.
 Byam Martin Channel, 8.
 Cabot, Sebastian, 10.
 Cabul, 125.
 Cæsarea, 151.
 Cairo, 180.
 Calabria, 202.
 Calcutta, 154, 193, 212.
 Caldera, 45 *et seq.*
 Caledonian Canal, 147.
 California, 36, 60, 191.
 Calver, E. K., 146, 147.
 Cambambe, 70.
 Cambodia, 190, 216.
 Cambridge Bay, 9.
 ——— Gulf, 82.
 Cameroons, 72.
 Camma, 183.
 Campbell, Mr. J., 190.
 ———, Mr. R., 186, 218 *et seq.*
 Canada, 155, 173, 221.
 Canadian Government, 171.
 Candia Island, 149.
 Cañelos, 174.
 Canning, Lord, 29.
 Canton, 154, 193.
 ——— River, 153, 154, 193.
 Cape Becher, 8.
 ——— Bon, 152.
 ——— Breton Island, 156.
 ——— Colony, 153.
 ——— Cornwall, 146.
 ——— Crozier, 4.
 ——— Felix, 8.
 ——— Finisterre, 149.
 ——— Herschel, 3, 4, 167.
 ——— Horn, 156, 175, 240.
 ——— Lopez, 72.
 ——— Melville, 95.
 ——— of Good Hope, 19, 47, 122, 154.
 ——— Palmas, 185, 218.
 ——— Perry, 7.
 ——— Point, 153.
 ——— Race, 157.
 ——— Sable, 156, 157.
 ——— Spartel, 152.
 ——— Town, 66.
 ——— Trafalgar, 152.
 ——— Upstart, 80.
 ——— Victory, 10, 11.
 ——— Walker, 8.
 ——— York, 80, 81.
 Caraqueette, 156.
 Carey, Mr., 155.
 Carlskrona, 200.
 Carlton, 231.
 Carmel, Mount, 151.
 Carnbee, Baron P. Melvill van, 135.
 Carpentaria, Gulf of, 82, 85, 96.
 Carter, Dr., 52, 53.
 Carthage, Ruins of, 206.
 Carysburg, 218.
 Cascade Range, 232.
 Casinale Mösch, 203.
 Caspian Sea, 91, 197 *et seq.*, 245.

- Cattegat, 200.
 Caucasus, 187, 196, 199, 245 *et seq.*, 250.
 Cavalla River, 185.
 Cayambe, 174.
 Cazembe, 27.
 Cedars, 151.
 Ceuta, 149.
 Ceylon, 24, 203.
 Chaix, Professor Paul, 173, 222, 243, 244, 245.
 Champon River, 212.
 Channel Islands, 146.
 Chantaburi, 216.
 Chasseral, Mt., 244.
 Che-fow, 58, 59, 60, 61.
 Chihkiang, 62.
 Chihli, Gulf of, 62.
 Cherkesses, 91.
 Chile, 45 *et seq.*, 174, 206.
 Chilian Andes, 174.
 ——— Cordillera, 48.
 Chimborazo, 174.
 Chi-milk-i-mean Gold Mines, 229.
 Chimmo, Lieut., 147, 148.
 China, 153, 154, 191, 192, 196, 197, 204, 233.
 ——— Sea, 191.
 Chire River, 27.
 Chobe, 28, 63, 72.
 Chocwa, 27.
 Chosan, 154.
 Chouchonil, 47.
 Christian, 241.
 Christiania Fiord, 241.
 ——— Observatory, 242.
 Christiansand, 242.
 Christy, Mr. H., 186, 218.
 Chul, 91.
 Churchill, Lord A., 221.
 Chusan, 153.
 Cincinnati, 168.
 Clerk, Capt. Claude, 187.
 Clifden Bay, 148.
 Clifton, Mr., 155.
 Cochín China, 189, 212, 216.
 Codinho, Father, 27.
 Collinson, Capt., 2, 6, 8, 9, 112, 113, 168.
 Colombier, Mt., 244.
 Columbia River, 76, 169, 229, 230, 234.
 ———, Great, 74.
 Columbus, 10, 36, 74, 157, 170.
 Colville, Fort, 35, 74, 169, 170, 228, 229, 230, 233.
 ———, Mr., 233.
 Conception, 48.
 Congo, 66, 183.
 Constance, Lake, 243.
 Constantinople, 118.
 Cook, Capt., 10.
 Cooke, Mr., 25.
 Coote, Sir Eyre, 187.
 Copacabana, 47.
 Copenhagen, 242.
 Copiapo, 47, 48, 49, 174.
 Coral Sea, 154.
 Cordillera, 48, 49.
 Cordova, 45, 46.
 Corea, 61.
 Cornwall, Cape, 146.
 Cornwallis Island, 3, 7, 8, 167.
 Cortez, Port, 173.
 Cosseir, 180.
 Costa-Rica, 174.
 Côte de Prairie, 232.
 Cotopaxi, 174.
 Council Bluffs, 232.
 Cox, Commr., 146.
 Crawford, Mr., 21, 29, 37, 57, 60, 62, 71, 84, 216, 217, 218, 254.
 Crescent Island, 7, 8.
 Crete Island, 149.
 Creyke, Commr., 147.
 Crimea, 61.
 Cromane, 186.
 Crowther, Mr., 187.
 Crozier, Cape, 4.
 ———, Capt., 4, 9, 12, 113, 167.
 Crummell, Alexander, 185.
 Cruz, Senhor, 25.
 Crystal Mountains, 72.
 Cubango River, 72.
 ———, Upper, 72.
 Cuesta de los Chilenos, 46.
 Cumberland, 18.
 ——— Inlet, 95, 96.
 Cumbre Pass, 48.
 Cunene, 63, 65, 182.
 Curia Muria Bay, 53, 54, 55.
 ——— Islands, 50 *et seq.*
 Curtis, Port, 79, 80.
 Cyprée Hills, 170.
 Cyprées Mountains, 73.
 Czomo de Koroes, 197.
 Daghestan, 91 *et seq.*; 245 *et seq.*
 Dalmatia, 201.
 Damaraland, 66.
 Damascus, 151.
 Dango, 250.
 Danube, 201.
 Darling Range, 82, 83.
 ——— River, 83, 194, 254.
 ——— and Barwan Rivers, 94 *et seq.*
 Daroudeans, M., 201.
 Darwin, Mr., 86.
 ———, Mr., 146, 206.
 Davis, Sir John, 59, 108, 191.
 ——— Strait, 2, 103.
 Davison, Mr., 147.
 Dawson's Expedition, 173, 174.
 Dayman, Commander, 152.
 Dead Sea, 151.
 Dease, 10.

- De Beaumont, M. Elie, 99.
 Decken, Baron von, 180.
 De Crespigny, Lieut., 193.
 Deedo, 248.
 Deep Sea Soundings, 152.
 Deer Island, 154.
 De Grey, Earl, 145.
 ——— and Ripon, Address, 117 *et seq.*
 Delany, Dr., 186, 218 *et seq.*
 Delcross, M., 244.
 Delhi, 187.
 Demavend, 253.
 Denham, Capt., 154.
 Denison, Port, 79.
 Denmark, 200, 243.
 ———, Hydrographer of, 200.
 ———, King of, 200.
 Dent, Lieut., 147.
 Denmark, Northern Antiquaries, Royal Society of, 200.
 Derbend, 91.
 Desbrisay, Mr., 155.
 Des Vœux, Mr., 3.
 Devil Peak, 234.
 Devon, Coast of, 146.
 Diarmal, 31.
 Diaz, Bartolommeo, 153.
 Dibo, 219.
 Dickson, G. F., 145.
 Dijour, 39.
 Dingaan, 26.
 Dio, 51.
 Dispatch Atlas, 203.
 Dolphin Reef, 85.
 ——— Strait, 9.
 Domenech, Abbé, 99.
 Dondo, 70.
 Donegal, 148.
 ——— Bay, 148.
 Doraghtry Point, 148.
 Douglas, M. B., 155, 194.
 Douglas, Sir Howard, 118.
 Dové, M., 166, 235, 236.
 Dover Road, 145.
 Drontheim, 241, 242.
 Drontheimsled, 240.
 Du Chaillu, 183.
 Duck Mts., 171.
 Due, M., 241.
 Dufour, Gen., 222, 243, 244.
 Du Halde, 59.
 Duich, Loch, 148.
 Dumoulin, M. V., 149, 201.
 Dunquerque, 148.
 Durham, 220.
 Duveyrier, 184.
 Dzo River, 64.
 Eagle Hills, 231.
 Eastern Archipelago, 157.
 Eastern Horn, 28.
 Eastern Manych, 199.
 East India Company, 124.
 East Indian Archipelago, 239.
 Edgcumbe, Mount, 79.
 Edmonton, 73, 74, 76.
 ———, Fort, 169.
 ——— House, 232.
 Edye, Commander, 148.
 Egersund, 242.
 Egge, 62.
 Egypt, 220.
 Ehrenberg, Professor, 102.
 Elbe, 200.
 Elbow, 172.
 El Edj, 184.
 Elgin, Lord, 60, 204.
 El Goled, 184.
 Ellice, Fort, 172.
 ———, Mr., 234.
 Elliott, Commodore, 61.
 Ellis, Mr., 154.
 Ellora, 212.
 Elphinstone, Hon. Mountstuart, 29, 124, 125, 126.
 Elphinstone, Lord, 89.
 Embarah, 72.
 Embomma, 67, 69.
 Enarea, 28.
 Encyclopædia Britannica, 206.
 Ephraim, 152.
 Equador, 174, 206.
 Eschmann, M., 244, 245.
 Esdraelon Plain, 151.
 Essington, Port, 83, 84, 95.
 Etive, Loch, 147.
 Europe, 47, 48, 122, 152, 193, 195, 196, 220, 222, 237.
 ———, Central Atlas of, 200.
 ———, Eastern, 237.
 Euxine, The, 199.
 Evans, Mr., 80, 156.
 Everest, Col., 32, 189, 206.
 ———, Mount, 31.
 Expedition Island, 24.
 Eyre, Mr., 78, 83, 95, 96, 254.
 Fair Havens, 149.
 Fairholme, Capt., 12.
 Falkland Islands, 175.
 False Bay, 153.
 Farewell, Cape, 104, 108.
 Farmer, Mr., 154.
 Farnham, 118.
 Farø Islands, 152, 162, 169.
 Faux d'Enson, 244.
 Fearley, 242.
 Feer, M., 243, 244.
 Felix, Cape, 169.
 Fernando Po, 69.
 ——— Vaz, 183.
 Field, Mr., 124.
 Findlay, Mr., 176.
 Finness Springs, 93.

- Finlayson Islands, 9.
 Finmark, 241, 242.
 Finsler, Gen., 222, 243.
 Fitzjames, Capt., 4, 12, 113, 167.
 FitzRoy, Admiral, 47, 49, 50, 156, 175, 176, 256.
 FitzRoy River, 79.
 Flamsteed, 243.
 Flinders Lake, 78.
 Florida, Straits of, 238.
 Fœmund Lake, 240.
 Fonseca, 173.
 Foochow, 59.
 Forrest, Mr., 190.
 Forsyth, Capt., 168.
 Fort William, 173.
 Franklin Harbour, 78.
 ———, Lady, 7, 111, 112, 113, 114, 166, 168, 251.
 ———, Sir J., Search for, 2 *et seq.*
 ———, Sir J., 111, 112, 113, 114, 167.
 Fraserburgh Bay, 147.
 Fraser River, 33, 35, 73, 74, 155, 227.
 ———, Lower, 170.
 ———, Upper, 34, 35, 72, 155.
 Fredrikshald, 241.
 Freemantle, Capt., 57.
 Freetown, 43.
 Frere, Rev. Temple, 145.
 Frio, Cape, 121.
 Frozen Ocean, Northern, 238.
 Fuglenæs, 241.
 Fulines, 219.
 Fullarton, Messrs., 203.
 Fundy, Bay of, 156.

 Gaboon, 72.
 Galicia, 201.
 Galton, Francis, 14 *et seq.*
 Galway, 148.
 Gama, Vasco de, 153.
 Gambia, 222.
 Garnett, Rev. H., 221.
 Gateshead Island, 8.
 Gautier, Alfred, 244.
 Gawler, Col., 78, 82, 83, 84, 86, 94, 96.
 Gaza, 151.
 Genesareth, 151.
 Geneva, 173, 222, 243, 244.
 Genoa, 201.
 George, Fort, 35.
 George, Mr., 176.
 Georgia, 91, 92.
 Geographical Progress, 145 *et seq.*
 Geography, Manual of, 205.
 Geological Survey, 30 *et seq.*
 Gerizim, Mount, 151.
 Gerstenberg, Mr. I., 33.
 Ghadamis, 184.
 Ghât, 184.
 Ghulbat, 51.
 Ghulfan, 56.
 Gibraltar, 149.
 Gibraltar, Strait of, 152.
 Gisborne, Mr. L., 106, 107.
 Gjesseng, Capt., 241.
 Glarus, Canton of, 222.
 Glasgow, 122.
 Gloster Island, 79.
 Glover, Lieut., 183.
 Gobat, M., 245.
 Golah Country, 184.
 Golea, 184.
 Golubëf, Capt., 197.
 Good Hope, Cape of, 19, 47, 122, 154.
 Goldner, Herr, 11.
 Gondokoro, 41, 89, 90, 179, 180, 223, 224.
 Gordon, Capt., 24.
 Gore, Lieut., 3.
 Göthaborg, 200.
 Goyder, Mr., 93.
 Graham, Mr. Cyril, 151, 180, 187.
 Grand Bassa, 184.
 Grand Canal, 60.
 Grand Cape Mount, 218.
 ——— Paul Mountains, 219.
 Granier, Mount, 244.
 Grant, Capt., 179, 222, 223, 225, 226, 251.
 Great Britain, Maritime Surveys, 145.
 Great Britain, 18, 36, 124, 193.
 ——— Circle Sailing, 206.
 ——— Columbia River, 74.
 ——— Fish River, 8, 9.
 Greece, 118.
 Green, Mr. F., 66.
 Greenland, 2, 152, 169, 200, 235, 238, 239.
 Grenada, 156.
 Grenadines, 156.
 Gregory, the brothers, 254.
 Grey, Sir George, 28, 66, 71.
 ———, Mr., 147.
 Griffith, G. R., 145.
 Grinnell Land, 168.
 ———, Mr., 6.
 Grisons, 203.
 Growe, Lieut., 240.
 Guatemala, 174.
 Guayaquil, 156.
 Guernsey, 146.
 Guinea, 239.
 Gûmbet, 249.
 Gurzawt, 52.

 Hadramaut, 54.
 Hagerup, M., 241.
 Hainault, 201.
 Haines, Capt., 51, 52, 55, 56.
 Hall, Capt. Basil, 85.
 ———, Mr., 146.
 Hamburg, 179.
 Hamilton, Mr. W. J., 49, 50.
 ———, Mr. W. R., 126 *et seq.*
 ——— Inlet, 104.

- Hammerfest, 241.
 Hancock, Commr., 155.
 Hangchow, 62.
 Hankow, 61.
 Hanson, Consul, 42, 44, 221.
 Hansteen, Professor, 241, 242.
 Hardangerfjord, 242.
 Harney, Gen., 230, 231.
 Harris, 147.
 Harvey Bay, 81.
 Hasiki, 52.
 ——— Island, 50.
 Hassle, M., 243.
 Hauran, 181.
 Havbroen (Seabridge), 241.
 Hawes, Lieut., 147.
 Hawkins, Col., 35.
 Hay, Sir H. M., 120.
 Hayes, Dr., 168, 200.
 Hebrides, 147.
 Hebron, 151.
 Hector, Dr., 73, 74, 76, 170, 172, 228 *et seq.*, 253.
 Hedemark, 240, 241.
 Hed Suf, 184.
 Heer, Professor O., 203.
 Helányah, 56.
 Helányah Island, 51, 52, 53, 54.
 Heloong Keang, 59.
 Henry, M., 244.
 Hepburn, Mr., 12.
 Hermon, Mount, 187.
 Herschel, Cape, 3, 4, 167.
 ———, Sir John, 122, 206.
 Hilly Daghestan, 91 *et seq.*, 187, 245.
 Himalaya Mountains, 30, 60, 188, 196, 240.
 Hind's Expedition, 171, 172.
 Hindostan, 22, 187.
 Hindu Chinese Countries, The, 189.
 Hixson, Mr., 154.
 Hjelm Island, 200.
 Hobarton, 155.
 Hobson, Commr., 11, 23, 47, 113, 252.
 Hochstetter, Dr., 222.
 Hodgkin, Dr., 36, 75, 107, 186, 218, 245.
 Holland, 201.
 Holst, Professor, 240.
 Holyhead Refuge Harbour, 147.
 Holy Land, 150, 151, 152.
 Honduras Inter-oceanic Railway, 173.
 Hong-kong, 153, 196.
 Hooker, Sir William, 174, 182.
 Hope, Admiral, 61.
 Hopkins, Mr. Alderman, 100, 106, 108, 234 *et seq.*
 Horn, Cape, 156, 175, 240.
 Horner, Lieut., 148.
 Hoskyn, Mr., 148.
 House, Rev. Dr., 190.
 Houssa, 219.
 Howard, Mr. 154.
 Howeeys, 56.
 Huallaga River, 174.
 Huc, 59.
 Hudson Bay, 12, 13, 35, 36.
 Hudson Bay Company, 9, 10, 230, 232, 233.
 Hughes, Mr. William, 205.
 Hull, Mr., 156.
 Hulton, Dr., 52, 53, 55, 56.
 Humber, R., 145.
 Humboldt, Alexander de, 45.
 Humboldt Foundation, 45.
 Hungary, 201.
 Hungerford Suspension Bridge, 124.
 Hunt, Commr., 69.
 Hunzah, 249.
 Hurd Deep, 146.
 Hutchinson, Lieut., 154.
 Huth, Genl., 240.
 Hydrographic Survey, 240.
 Hwang, 62.
 Hwang-ho River, 61.
 Iboddan, 219.
 Iceland, 97, 100, 101, 102, 103, 152, 169, 237, 238, 239, 252.
 Ida, Mount, 149.
 Idefjord, 240.
 Idrisi, 51.
 Ili, 197.
 Ilorin, 219.
 Imperial Atlas, 203.
 India, 27, 29, 31, 32, 33, 49, 120, 124, 153, 154, 212.
 India, British, 125.
 Indian Archipelago, 79, 193.
 Indian Ocean, 83.
 Indus, 32.
 Inglesfield, 112.
 Inishbofin, 148.
 Ino, 219.
 Inskip, Mr., 147.
 Inverness-shire, 147, 148.
 Ireland, 18, 101, 119, 120, 148, 193, 194.
 Irminger, Capt. C., 200.
 Iskanderún, Gulf of, 150.
 Isle of Wight, 146.
 Ismail, 241.
 Issyk-kul, 197.
 Isthmus of Kra, 189, 212.
 Italy, 201.
 Jacob River, 241.
 Jade, 200.
 Jamaica, 119.
 James, Col. Sir H., 18, 157 *et seq.*, 206, 207.
 Jameson, Mr., 174.
 Japan, 62, 154, 193, 204.
 Japanese Islands, 62.
 Jasper House, 232.
 Java, 60, 81.
 Jebel Musa, 149.
 Jebelíyah Island, 50, 51, 52.
 Jeffery, Mr., 147.

- Jericho, 151.
 Jerusalem, 151.
 Jezreel Plain, 151.
 Johnston, A. K., 203.
 Jones, Mr. H. L., 175.
 Jones, W. H., 145.
 Jordan, 152.
 Judson, Dr., 189, 217.
 Jukes, Prof. J. Beete, 79, 80, 81, 82, 83, 84,
 85, 86, 95, 195.
 Julianshaab, 104, 105.
 Junk River, 218.
 Jura, 244.
 Jurzat, 52.
 Jutland, 200.

 Kabo, 219.
 Kafer Kumaks, 91.
 Kaffa, 28.
 Kakelia, 91.
 Kalahome of Siam, 212.
 Kalans River, 199.
 Kaloi Limmes, 149.
 Kamboja, 190.
 Kampot, 216.
 Kamschatka, 193, 238.
 Kananaski Pass, 170, 232.
 Kane, Dr., 12, 13, 112, 168, 200, 238, 239.
 Kara-Sú, 248.
 Karoo, 182.
 Karri-harri Desert, 182.
 Kashmir, 29, 30, 32, 187, 188.
 ———, Trigonometrical Survey of, 31
 et seq.
 ———, Valley, 31.
 Kasi Kumaks, 91.
 Katenda, 69.
 Kattirna, 24, 25.
 Kavalla, 218.
 Kazi-Mullah, 250.
 Kazi-Yúrt, 246, 247.
 Keal, Loch na, 147.
 Kebra-brasa, 19.
 Kellett, Capt., 6.
 Kenia, 89.
 Kennedy, Capt. W., 12, 37.
 ———, Port, 6.
 Kerr, Mr., 154.
 Kew Observatory, 163.
 Khandak Rahmah, 149.
 Khanikof, M., 198, 253.
 Khartan Martan, 51.
 Khartúm, 40, 88, 90, 222, 223, 224, 225.
 Khiva, 198.
 Khorassan Expedition, 198.
 Kibbiah, 52.
 Kilimandjaro, 180.
 Killala Bay, 148.
 Killary Bay, 148.
 Kilwa, 88, 179.
 King, Dr. B., 13.
 King George Sound, 95.
 ——— William Island, 3, 5, 6, 8, 11, 113, 167.
 Kirk, Dr., 21, 25, 26, 87, 88.
 Kisi-chang, 215.
 Kislár, 91, 247.
 Klaproth, 249.
 Klouman, Lieut.-Col., 241.
 Knoblicher, 179.
 Koh-sichiang, 215.
 Koi-Sú, 248, 249.
 Koi-sú-bú, 249.
 Kokán, 198.
 Kong Mountains, 184, 219.
 Kongone, 19, 23, 24, 25.
 Kongsvinger, 241.
 Korea, 154.
 ——— Tsan-liang-hai harbour, 154.
 Kra, Isthmus of, 189, 212.
 Kroomen, 69.
 Kumaon, 30.
 Kuná, The, 199.
 Kúpro, 248.
 Kura, 198.
 Kutanie Pass, 170, 232.

 Labrador, 103, 104, 105, 106, 108, 152,
 155, 169, 252.
 Lacerda, 27, 181, 182.
 Lagao Lake, 27.
 Lagnat, 184.
 Lagos, 186, 218.
 Laguna Salada, 46.
 ——— Verde, 47.
 Lake Constance, 243.
 ——— Nyanza, 41, 42, 88, 177, 180, 222, 223,
 226, 251.
 ——— of the Stars, 88.
 ——— of the Woods, 37, 171.
 ——— St. Ann, 232.
 ——— Superior, 171, 232, 233.
 Lamansky, Mr., 199.
 Lambton, 188.
 Lancaster Sound, 2.
 Landeens, 25.
 Land's End, 146, 158.
 Landsberg, Mr. L. F., 195.
 Landsmann, M., 245.
 Langley, Fort, 230.
 Laotung, 191.
 Lambton, Colonel, 32.
 La Perouse, 116.
 La Plata, 46, 49.
 La Rosas Pass, 46.
 Las Llamas Mountains, 46.
 ——— Plains, 47.
 Las Losas River, 47.
 Latakíyah, 150.
 Laurvig, 240, 241.
 Leake, Lieut.-Col. W. Martin, 130, 131,
 132, 133.
 Leambaye, 72.
 Lebanon, 151.

- Lee, Dr., 86.
 Le Have Bank, 156.
 Leichhardt, Dr., 83, 95, 96, 254.
 Lentz, M., 198.
 Leon, 174.
 Leo-tung, 58.
 Lesghi, 187.
 Lewell, Charles, 145.
 Leyden, 102.
 Libebe, 64, 72.
 Liberia, 22, 184, 185, 218, 219, 220.
 Liège, 201.
 Liguria, 201.
 Limpopo, 182.
 Lincoln, Port, 78.
 Lindhagen, Dr., 241.
 Lindsay, Mr. Hamilton, 58, 59, 62.
 Linnhe, Loch, 147.
 Linyanti, 72.
 Little Bras d'Or, 156.
 ——— Minch, 147.
 ——— Souris, 172.
 Livingstone, Dr., 19, 20, 21, 41, 43, 64, 70, 87, 88, 89, 90, 177, 181, 182, 251.
 Livingstone, Mr. C., 20, 87, 88.
 Loando, 23, 67.
 Loch Ailort, 147.
 ——— Alsh, 148.
 ——— Buy, 147.
 ——— Duich, 148.
 ——— Etive, 147.
 ——— Linnhe, 147.
 ——— na Keal, 147.
 ——— na Nuagh, 147.
 ——— Resort, 147.
 ——— Scriedan, 147, 148.
 Lockhart, Mr., 60, 61, 254.
 Londesborough, Lord, 133, 134, 135.
 Loo Choo, 85.
 Lopez, Cape, 72.
 Louisburg Harbour, 156.
 Lout, 41.
 Luabo, 19.
 "Luawe," 23.
 Lubbock, Sir J. W., 207.
 Lucerne, 222.
 Lufiji, 179.
 Lundh, Lieut.-Col., 241.
 Luxemburg, 201.
 Lynch, Lieut., U.S.N., 151.
 Lydhurst, Mount, 93.
 Lytton Bulwer, Sir Edward, 36.
 Maak, Mr., 197.
 Macdonnell, Sir R., 93 *et seq.*, 77, 78, 194.
 M'Dougall, Mr., 148.
 Macgowan, Dr., 62, 191.
 Mackenzie, Archdeacon, 71.
 Mackenzie River, 10, 12, 232.
 Mackenzie Valley, 172.
 Maclear, Sir T., 19, 21.
 M'Leod, Brigadier, 218.
 M'Leod, Consul, 22, 182, 205.
 M'Cleverty, Capt., 191.
 Mc Clintock, Capt. Sir F. L., 2 *et seq.*, 111, 116, 166, 167, 168, 200, 251, 252.
 M'Clintock Channel, 8.
 M'Clure, Sir R., 2, 10, 13, 112.
 M'Kay, J., 76.
 McPherson, Mount, 93.
 Maqueen, Mr. J., 27, 37, 72, 182.
 Maddison, 218.
 Magellan Strait, 156.
 Mahanaim, 152.
 Malacca, Straits of, 190, 212.
 Malayan Archipelago, 60.
 ——— Peninsula, 212, 216.
 Malcolm, Sir John, 125.
 Malta, 152.
 Malte-Brun, M., 238.
 Manchuria, 59, 154, 157.
 Mandau Fort, 232.
 Manitobah Lake, 171.
 Mannin Bay, 148.
 Mansell, Commander, 149, 150.
 Manyh Valley, 199.
 ———, Western, 199.
 Map Projections, 206.
 Marco Polo, 62.
 Maricunga, 46.
 Marjoribanks, Mr. Charles, 59.
 Markham, Mr., 33.
 Marocco, 152.
 Matteucci, Professor, 107.
 Maudslay, 124.
 Mayers, J., 218.
 Mayne, Lieut., 33, 35, 155.
 Mayne, Sir R., 35.
 Mazarro, 25.
 Mecca, 180.
 Mediterranean, 41, 122, 149, 152, 256.
 Megiddo Plain, 151.
 Meklong, 211.
 ——— River, 214.
 Mekong, 190, 217, 218.
 Melbourne, 82.
 Melville, Baron, 135.
 Melville Bay, 2.
 ——— Cape, 95.
 ——— Sound, 7, 8.
 Menam, 213, 214, 217.
 Mercy, Ravine of, 149.
 Messina, Straits of, 202.
 Messurodo, 218.
 Mexias River, 183.
 Mexican Gulf Stream, 235.
 Mexico, 36, 99, 173.
 ———, Gulf of, 232, 238.
 Mezhet, 248.
 Miatao Islands, 58.
 Michell, Mr. T., 197, 198.
 Mickie, Mr., 58, 59, 60, 191.
 Millard, Mr., 150.
 Miller, Mr., 184.

- Minto, Earl of, 125.
 Mios, 240.
 Miscou, 156.
 Mocha, 28.
 Modj, 41.
 Mole, Port, 80.
 Mombas, 89.
 Monach Isles, 147.
 Monrovia, 184.
 Mont Blanc, 47, 188, 244.
 Monteiro, Mr., 27, 70.
 Monteith, General, 91.
 Monteleone, 202.
 Monte Picachos, 149.
 Monterey, 36.
 Montgomerie, Capt., 30, 31, 187.
 Monja, River, 27.
 Monrovia, 219, 220.
 Montreal Island, 11, 12, 153, 167.
 Moody, Col., 33.
 Moon, Country of the, 88.
 Moorbat, 56.
 Moorcroft, 197.
 Moore, Sir John, 119.
 Moorsom, Capt. W., 136.
 Moreno Valley, 46.
 Moresby, Commander, 69.
 Morrison, Mr., 147.
 Morumbala, 21, 26.
 Motzfeldt, M., 241.
 Mouhot, M., 190.
 Moulmein, 218.
 Mount Attraction Springs, 93.
 ——— Carmel, 151.
 ——— Everest, 31.
 ——— Granier, 244.
 ——— Hermon, 151.
 ——— Ida, 149.
 ——— Lyndhurst, 93.
 ——— Murchison, 94, 231, 232, 234.
 ——— of Olives, 151.
 ——— Tabor, 151.
 Mourilyan, Mr., 156.
 Mozambique, 181.
 ——— Channel, 67.
 Mujoas, 26.
 Mull, 147, 148.
 Munch, Professor, 242.
 Munthe, Capt., 240.
 Murchison, Mount, 94, 231, 232, 234.
 ———, Sir R. I., 2, 6, 18, 27, 30, 32,
 41, 57, 59, 74, 93, 95, 114, 122, 160,
 168, 185, 209, 222, 228, 250 *et seq.*
 Murray River, 94, 95, 97, 194.
 Murray, Capt. Hon. H. A., 223.
 Murrumbidgee, 254.
 Muscat, Inaum of, 57.
 Muselo, 24, 25.
 Mussal Bay, 235.
 Mutu, 25.
 Namur, 201.
 Napoleon, 28.
 Narrows, 148.
 Naser, Capt. F., 241.
 Nass River, 226.
 Natal, 26, 218.
 Nazareth, 151, 183.
 Nearchus, 31.
 Neath River, 146.
 Nebolsin, 198.
 Nedenaes, 241.
 Negussa, 184.
 Nelson, 111, 115.
 New Brunswick, 156.
 Newcastle, Duke of, 33, 35, 195, 226.
 New Columbia, 37.
 Newfoundland, 101, 105, 108, 157.
 New Granada, 206.
 New Guinea, 81.
 New South Wales, 120, 121, 122, 123.
 New Westminster, 155.
 New World, 168.
 New York, 57, 106.
 New Zealand, 48, 49, 204, 222.
 Ngami Lake, 63, 88.
 Nhanja Lake, 27.
 Nhionja River, 27.
 Nicaragua, 174.
 Nice, 201.
 Nicolson, Capt. Sir F., 60.
 Nicomtau Bay, 156.
 Niger, 44, 186, 221, 222.
 Niger Expedition, 22.
 Nile, 87-90, 179, 180, 223, 224.
 Nile, Sources of the, 204.
 Nile, Upper, 41, 225, 251.
 Nile, White, 39 *et seq.*, 72, 222, 225.
 Nineveh, 211, 212.
 Ningpo, 59.
 Niu-Chwang, 60.
 Norfolk Island, 80.
 Nootka Sound, 35.
 Nordland, 241, 242.
 North Atlantic Telegraph, 101, 169.
 North Cape, 236.
 North-East Cape, 237.
 Northern Frozen Ocean, 238.
 ——— Ocean, 72.
 ——— Route, 102.
 North Pole, 108.
 ——— Pole, Passage to, 100, 234 *et seq.*
 ——— River, 61.
 Norway, 49, 200, 239, 240.
 ———, Surveys in, 240 *et seq.*
 North Uist, 147.
 ——— West Cape, 95, 96.
 ——— West Company, 233.
 ——— West Passage, 112, 114, 115, 167, 251.
 Nova Scotia, 156, 157.
 ——— Zembla, 169, 236, 237, 238, 239.
 Nuagh, Loch na, 147.
 Nu-chung, 60.
 Nunes, Colonel, 26.

- Nyanja, Lake, 20.
 Nyanza Lake, 41, 42, 88, 177-180, 222,
 223, 226, 251.
 Nyassa, Lake, 27, 87.
 Nyêka, 24.
 Nyinyesi Lake, 87, 88.

 Oceanic Steam Navigation, 124.
 Oggawai River, 72.
 Ogobai, 183.
 Ogun River, 218.
 Okanagan River, 170.
 Okovango River, 63.
 Oldham, Mr., 30.
 Oliphant, Mr. Laurence, 60, 62, 191, 218.
 O'Meara, Rev. D., 75.
 Ommanney, Capt., 252.
 Orange River, 182.
 Ord, Dr., 24, 57.
 Ordnance Survey, 158 *et seq.*
 Oregon River, 35, 36.
 O'Reilly, Mr. E., 189.
 Orkneys, 108.
 Orlebar, Commr., 155.
 Orwell, R., 145.
 Osborn, Capt. Sherard, R.N., 3, 6, 9, 10, 62,
 191, 217, 218, 252.
 Otter, Capt., 147.
 Oututu Tuane, Harbour, 85.
 Overweg, 184.
 Oxford, Bishop of, 256.
 Oyo, 219.

 Pacific Ocean, 36, 43, 47, 74, 75, 85, 173,
 175, 240, 253.
 Page, Capt., 175.
 Pak Chan, 212.
 Paklat, 213.
 Paknam, 213.
 Palamos, 148.
 Palestine, 150, 187.
 Pallegroix, Bishop, 215.
 Palliser, Capt., 35, 73, 75, 76, 169 *et seq.*,
 228 *et seq.*, 252, 253.
 Palmas, Cape, 185, 218.
 Palmer, Lieut., 33, 35, 170.
 Paludan, 241.
 Panama, Isthmus of, 47, 75, 230, 239.
 Pand-oreille, 229.
 Papen, Major A., 200.
 Papite, 85.
 Paramatta, 121, 123.
 Parana, 174.
 ———, River, 48, 49.
 Paris Geographical Society, 202.
 Parish, Sir Woodbine, 187.
 Park, Mungo, 222.
 Parker's Luabo, 24.
 Parlovna, Maria, 247.
 Parry, Capt. Sir E., 10, 111, 169, 234, 235,
 238, 239.
 Parsons, Mr., 156.

 Pas Mountains, 171.
 Pastaça, 174.
 Patagonia, 174, 175.
 Patterson, Mr., 124.
 Peabody, Mr., 6, 239.
 Peace River, 234.
 Pearl, 24.
 Pecha-buri, 189, 211.
 ———, Governor-of, 211.
 Pe-che-li, Gulf of, 58, 59, 153, 154, 191, 193.
 Peel Strait, 8.
 Pegu, 189.
 Peiho River, 59, 60, 61.
 Pekin, 60, 61, 62, 153, 154, 193.
 Perry, Cape, 7.
 Pestalozzi, M., 243.
 Petherick, Consul, 39 *et seq.*, 88, 89, 90,
 180, 222, 223, 225, 251.
 Pender, Mr., 155.
 Peniel, 152.
 Penny, Capt., 200.
 Percy, Dr., 42.
 Pernambuco, 175.
 Permikin, M., 197.
 Persia, 92, 187, 198, 246, 253.
 Peru, 47, 48, 174, 206.
 Peschurof, MM., 197.
 Peterhead Bay, 147.
 "Petersburg Transactions," 97.
 Petersen, Carl, 113, 200.
 Peter the Great, 190, 198.
 Philadelphia, 183.
 Philippine Archipelago, 193.
 Phillip, Port, 96.
 Phiphri, 214.
 Phipps, 236.
 Picton, Sir Thomas, 119, 120.
 Pike, Lieut. J. W., 68.
 Pike, Mr., 156.
 "Pilote Français," 148.
 Pisa, 107.
 Pischah, 152.
 Pitt River, 155.
 Pizzo Forno, 244.
 Pizzo Menone di Gino, 244.
 Platen, Count, 169.
 Point, Cape, 153.
 ——— Venus, 85, 108.
 ——— Warren, 9.
 Polar Circle, 251.
 ——— Seas, 107, 237, 238.
 ———, Expedition to, 200.
 Pond Inlet, 2.
 Ponza Island, 202.
 Poole, 151.
 Poonah, 125.
 Porcupine Mountains, 171.
 Port Augusta, 78.
 ——— Cortez, 173.
 ——— Essington, 83, 84, 95.
 ——— Kennedy, 6.
 ——— Phillip, 96.

- Port Santander, 149.
 — Talbot, 146.
 Porter, 151.
 Portland, 101, 103, 230.
 Portlock, General J. E., 18, 50, 99.
 Portsmouth, 146.
 Portugal, 28, 152.
 Powell, Mr. J. C., 153.
 Prairie Region, 170.
 Prince Edward Island, 156.
 Prince of Wales Island, 113.
 Prince's Tower, 67.
 Pritchett, Mr. G. J., 174.
 Prussia, 200.
 Psiloriti, 149.
 Ptolemy, 248.
 Puissant, Mr., 244.
 Pulkowa, 241.
 Pullen, Capt., 8, 50, 95.
 Pungo Andongo, 70.
 Punjab, 32.
 Punto de Lenha, 67, 70.
 Purdon, Mr. W. H., 31, 188.

 Quanga River, 70, 184, 185.
 Qu'Appelle River, 172, 231.
 — Valley, 172.
 Quebec, 155, 156.
 Queen Charlotte Islands, 226, 227, 228.
 Queensland, 79, 85, 195.
 Quillimane, 21, 23, 25, 26, 69.
 Quiloa, 27.
 Quin, Mr. W., 146.
 Quito, 174.

 Race, Cape, 157.
 Raddé, 197.
 Rae, Dr., 2, 5, 8, 10, 75, 87, 112, 153, 232, 233, 252.
 Rafn, Prof. C. C., 200.
 Ramm, Capt., 240.
 Randall, Mr. W. R., 94, 194.
 Ras Jazirah, 53.
 Ras Morbat, 54.
 — Nas, 51.
 — Nus, 53, 54.
 — Sheshedat, 51.
 — Shuamiyah, 53.
 Ravenstein, Mr., 184, 200.
 Ravine of Mercy, 149.
 Raymond, Archdeacon, 136.
 Read, Ice-master, 12.
 Recent Publications, 203.
 Red Deer River, 170.
 — River, 12, 75, 171, 172, 231, 234.
 — River Settlement, 231, 233, 253.
 — Sea, 56, 180.
 Reed, Mr., 153.
 Refuge Harbours Commission, 147.
 Reijkiavik, 101, 103.

 Rembo Apingi, 183.
 — Okandu, 183.
 Repulse Bay, 2.
 Resort, Loch, 147.
 Rhine, 119.
 Rhode, Capt., 200.
 Richards, Capt. G., 33, 155.
 —, Mr., 153, 212.
 Rick, Lieut., 240.
 Riding, Mount, 171.
 Riff Territory, 149.
 Rio de la Plata, 156.
 — Llama, 46.
 Ritter, Prof. Carl, 137.
 Robinson, Capt., 175.
 —, Dr., 151.
 —, Sir Hercules, 57.
 Robygdelaget, 241.
 Rockhampton, 79.
 Rocky Chain, 74.
 Rocky Mountains, 35, 36, 73, 74, 170, 171, 229, 231, 232, 234, 253.
 Rodondo Island, 51, 52.
 Roebuck, 74.
 Rœmel, 244.
 Rohib, 51.
 Romania, 212.
 Rome, 149.
 Roonagh Head, 148.
 Roorkee, 30.
 Rosario, 45, 46, 48, 49, 174.
 Ross, Capt. Sir James, 8, 11.
 —, Sir John, 2, 3, 4, 9, 10, 112, 252.
 Roxburghshire, 120.
 Royal Atlas, 203.
 Royal Illustrated Atlas, 203.
 Russell, Lord John, 26, 87.
 Russia, 91, 92, 118, 196, 198, 199, 200, 243.
 Russia, Imp. Geographical Soc., 198, 199.

 Sabine, General, 45.
 Sable, Cape, 156, 157.
 Saghalien River (the Amoor), 59.
 Sahara, 184.
 Said bin-hood, 56.
 Saigon, 190, 191.
 St. Ann Head, 147.
 —, Lake, 232.
 St. Bride Bay, 147.
 — Gall, 222.
 — John, 108.
 — Juan, 230.
 — Kitts, 57.
 — Lawrence, 155, 157.
 — Lucia, 119.
 — Paul, 218, 219.
 — Petersburg, 197, 198, 241.
 — Thomas Island, 67.
 — Vincent, 156.
 — Vladimir, 154.

- Saipote Valley, 46.
 Salavan, 253.
 Salamanca, 117.
 Salataú, 249.
 Salerno, Bay of, 222.
 Salt Rocks, 56, 57.
 Salvador, 174.
 Salwin, 217.
 Samaria, 151.
 Samokhvalof, M., 197.
 San Andres Valley, 46.
 — Blas, 36.
 Sances, Antonio, 27.
 Sanderson, Mr. J., 182.
 Sandwich Islands, 35.
 Sandy Cape, 81.
 San Francisco Pass, 45, 46, 47, 48.
 Sango, 221.
 San Juan, 35, 37.
 — Paolo, 175.
 — Remos, 148.
 Santander, Port, 149.
 Santiago, 47.
 Sardinia, 152, 201, 202.
 Sargans, 222, 243.
 Saskatchewan, 73, 74, 76, 171, 172, 173,
 231, 233, 253.
 Saskatchewan, North Branch, 172.
 — Plains, 229.
 — River, South, 170.
 Scarnell, Mr., 156.
 Scarpa Island, 148.
 Scawfell, 18.
 Schamyl, 91, 247.
 Schie, Lieut., 242.
 Schomburgk, Sir R., 189, 211 *et seq.*
 Scilly Islands, 146.
 Scoresby, Dr., 108.
 Scotland, 101, 102, 106, 121, 147, 152, 169.
 Scott, 151, 156.
 "Seabridge," 241, 243.
 Scriedan, Loch, 147, 148.
 Seau-wuhu Bay, 154.
 Seetzen, 151.
 Sekeletu, 64.
 Selander, Prof., 241.
 Selim, Sultan, 198.
 Selwyn, Mr., 95.
 Semirechni, 197.
 Senegal, 183, 222.
 Senna, 24, 25, 27.
 Sentis Mount, 245.
 Seven Islands, 236.
 — Rivers, 197.
 Seychelles, 22.
 Seymour, 184.
 Shadraad, 187.
 Shaffner, Col. T. P., 101 *et seq.*, 169.
 Shanghai, 59, 191.
 Shang-tung, 58, 60, 61.
 Sharban, Mr., 147.
 Shark Point, 67.
 Shaw, Dr., 191, 209, 218, 240.
 Shechem, 151.
 Sheephaven, 148.
 Shense, 61.
 Shepherd, Fort, 233.
 Sherawa, 27.
 Sherboro, 43, 44, 221.
 — River, 43.
 Sheringham, Capt., 146.
 Sherwill, Major W. S., 154, 192.
 Shire River, 19, 20, 21, 26, 27, 87, 88, 177,
 178, 181.
 Shirwa Lake, 19, 20, 87, 88, 177, 178, 179,
 181.
 Shortland, Capt., 156.
 Shum Khal, 91.
 Shupanga, 25, 26.
 Siam, 189, 217.
 —, Gulf of, 189, 190, 212.
 —, Trade of, 213 *et seq.*
 Siberia, 205.
 —, Northern, 269.
 Sicily, 18.
 Sidney, Commr., 146.
 Sidon, 151.
 Sierra Leone, 43, 185, 222.
 Sihlfeed, 244.
 Sihl River, 243.
 Si Kiang, 153, 191.
 Sillimar, Prof. B., 168.
 Silva Porto, 27, 181.
 Simtas, Mr., 14.
 Simpson Cairn, 3.
 —, Dr. J., 5, 10, 112, 138.
 —, Fort, Journey to, 226, 227, 228.
 —, Sir G., 75, 233.
 Sinclair, Capt., 79.
 Singapore, 60, 81.
 Sinoa River, 184.
 Skaraborg, 200.
 Skead, Mr., 24, 150, 153.
 Skerki Reef, 18.
 Skye Island, 147.
 Slaughter Camp, 232.
 Slieve Donard, 18.
 Sligo Bay, 148.
 Slyne Head, 148.
 Smaalenenes, 241.
 Smith, Dr., 150.
 —, Mr., 154, 155.
 —, Prof., 68.
 —, Sound, 168.
 Smyth, Adm., 86, 122.
 Snow, Capt., Parker, 11, 12, 168, 175, 252.
 Socotra, 57.
 Soddh Island, 51, 52.
 Soliman Pasha, 51.
 Solway Frith, 147.
 Somerset, North, 2.
 Sonnenstern, M. de, 174.
 Southampton Water, 146.
 Southern Ocean, 239.

- Southesk, Lord, 75.
 Spain, 148, 152, 201.
 Spartel, Cape, 152.
 Speke, Capt., 46, 41, 42, 88, 89, 90, 175 *et seq.*, 222 *et seq.*, 251.
 Spencer Gulf, 78, 79, 84, 94.
 Spitzbergen, 100, 104, 107, 169, 235, 237, 238, 239.
 Spottiswoode, Mr. W., 97 *et seq.*
 Spratt, Capt., 149.
 Sprens, James, 155.
 Sprent, J., Esq., 195.
 Spruce, Mr., 174.
 Stanley Harbour, 175.
 ———, Mr., 147, 151.
 Stanton, Col., 173.
 ———, Mr., 153.
 Stars, Lake of the, 88.
 Star Maps, 206.
 Staunton, Sir G. T., 141, 142.
 Stephenson, R., 138, 139, 140.
 Stewart, Mr., 3, 13.
 Stockholm, 241.
 Stockton Creek, 218.
 Stokes, Major J., 201.
 ———, Mr., 149.
 Storsöe Lake, 240.
 Strangford Lough, 148.
 Stromöe, Isle, 101, 103.
 Struve, Prof., 241.
 Stuart, Mr. Macdougall, 77, 78, 79, 83, 84, 94, 194, 254.
 Stuart-Wortley, Mr. J., 106, 108.
 Studer, M., 203.
 Sturt, Capt., 78, 82, 96, 254.
 Subhán, 54.
 Sudan, 90.
 Suesto, 47.
 Suez, 56, 180.
 Súlakh River, 246, 248.
 Sullivan, Capt., 49, 175.
 Sullivan, Mr., 73, 74, 170, 228 *et seq.*, 253.
 Sumatra, 153.
 Sumbé, 197.
 Sun Signals, 14 *et seq.*
 Sunto del Francisco, 47.
 Superior, Lake, 171, 232, 233.
 Swan River, 96, 171.
 Swansea, 108.
 ——— Bay, 146.
 Sweden, 200, 240, 243.
 Switzerland, 188, 222.
 ———, Federal Map of, 243, 244, 245.
 Sydney, 154.
 Sykes, Col., 42, 217.
 Symonds, 151.
 Syngé, Capt. M. H., 173, 253.
 Syria, 95, 150, 180, 187.
 Tabor, Mount, 151.
 Tahiti, 85, 108.
 Tailyour, Major Renny, 32.
 Talbot, 146.
 Tanganyika, Lake, 88, 177, 178, 179.
 Tarapoto, 174.
 Tarbagatai, 197.
 Tartary, 59, 61, 154.
 Tasmania, 155, 195.
 Tavoy Point, 212.
 Taylor, Mr. J. S., 146.
 Tchihatchef, M. Pierre de, 253.
 Tebbés, Town of, 198.
 Tehrán, 187.
 Tench Point, 67.
 Teneriffe, Peak of, 256.
 Tennent, Sir E., 203.
 Terek, River, 91, 247.
 Terki, 91, 248.
 ———, Shamal of, 245.
 Tête, 19, 22, 23, 26, 28.
 Tetuan, 149.
 Texas, 99.
 Thames, River, 145.
 Thebes, 180.
 Theobald, Prof., 203.
 Thomas, Commr., 147.
 Thompson, Dr., 204, 234.
 ———, River, 73, 74, 170, 229.
 ——— Valley, 74.
 Thörner, Mr. T., 199.
 Thornton, Mr. R., 25, 181.
 Thorshaven Bay, 101, 103.
 Thoune, 243.
 Thurgau, 222.
 Thuringia, 200.
 Tian-shan, 197.
 Tiber, 202.
 Tiberias, 151.
 Tibet, 59, 60, 217.
 Tientsin, 60, 61, 62, 154.
 Tierra del Fuego, 175, 239.
 Timbuctu, 183.
 Tinbue, 24.
 Tindal, Commr. C., 143.
 Tioughe, 63.
 Toe-Toe, Chief, 222.
 Tonquin, 189.
 Torquay, 118.
 Torrens, Capt. R. W., 226, 227, 228.
 ———, Lake, 78, 94, 96.
 Torres Strait, 81, 82, 154.
 Trafalgar, Cape, 152.
 Tralles, M., 243.
 Transilian, 197.
 Trautwine, Mr., 173.
 Trebeck, 197.
 Trechsel, Prof., 222, 243, 244.
 Tres Cruces, 46.
 Tres Puntos, 46.
 Trigonometrical Survey, 187, 188, 189.
 Trinidad, 119.
 Trinity House, 194.
 Tromsö, 241.

- Trotter, Rear-Adm. H. D., 143.
 Troughton, Mr., 14.
 Tsien-tang, 62.
 Tsu-sima Island, 154.
 Tuckey, Capt., 68, 69, 72.
 Tulloch, Col., 120.
 Tungchow, 60, 62.
 Tunis, Bay of, 18.
 Turkestan, 197.
 Turkey, 92, 118, 201.
 Turkish Archipelago, 149.
 Tuscan, 124.
 Tyne, River, 145.
 Tyne-mouth, 146.
 Typical Mountain Ranges, 97 *et seq.*
- Union Strait, 9.
 United States, 6, 35, 62, 89, 154, 168, 169,
 175, 186, 221, 230, 232.
 United States Boundary Commissioners, 74.
 Unyamuezi, 88.
 Upstart, Cape, 80.
 Usborne, Mr., 146.
 Ushant, 148.
- Valentia, 152.
 Valparaiso, 47, 48, 156.
 Vancouver Island, 35, 73, 155, 230, 253.
 —, Fort, 35, 36, 234.
 Vander Maelen, M., 201.
 Van de Velde, 151.
 Van Rensselaer Bay, 168.
 Veden, 250.
 Venus, Point, 85, 108.
 Verdun, 117.
 Vermilion Pass, 170, 232.
 Vernôe, Fort, 197.
 Vibe, Major, 240, 241, 242.
 Victoria, 79, 95, 97, 230, 239, 253.
 —, Harbour, 155.
 —, Land, 240.
 —, Nyanza, 41, 89.
 —, Strait, 9.
 Victory, Cape, 10, 11.
 Vienna, 222.
 —, Military Geographical Society, 201.
 Vigne, Mr. G. T., 32.
 Villavicencio, M., 174.
 Vittoria, 122.
 Volga, the, 198.
 Volo, 118.
 Vreosky, Baron Von, 248.
- Wadai, 183.
 Wad Uyats, 149.
 Waghorn, Mr., 56, 57.
 Wales, 147.
 Walker, Cape, 8.
 Walker, Capt., 11.
 —, Dr., 7.
 —, Mr., 113, 157, 187, 252.
 Wallace, Mr. A. R., 193.
 Wallachia, 201.
 Wallamette, 35, 36.
 Wanyoro, 89.
 Warburton, Major, 77.
 Ward, Commr., 153, 154.
 Wargala, 184.
 War Office, Topographical Department, 157
 et seq.
 Warren, Point, 9.
 Washington, Capt. J., 145, 160, 238.
 Waugh, Col. J. Scott, 31, 32, 187, 188.
 Webø, 219.
 Wei-hae Wei, 59.
 Wellesley, Marquis, 125.
 Wellington Channel, 3, 7, 8.
 Wellington, Duke of, 117, 119, 120, 125, 231.
 Wells, Mr., 146.
 Weser, 200.
 Westermanshaven, 101, 103.
 West Indies, 28, 57, 119, 121, 156, 237.
 —, River, 153, 191.
 Wheelwright, Mr., 45 *et seq.*, 174.
 White Nile, 29 *et seq.*, 72, 222, 225.
 —, River, 61.
 Wilds, Mr., 154.
 Wilkinson, Lieut., 149.
 William, Fort, 173.
 Williams, Capt., 146.
 —, Rev. D., 144.
 Wilson, Mr. J. S., 84.
 Winnipeg, Lake, 171, 172, 232.
 Winnipegosis, Lake, 171.
 Winter Island, 235.
 Wolf, 197.
 Wood, Commr. J., 144, 147.
 —, Sir Charles, 31.
 Woods, Lake of the, 37, 171.
 Wortabet, Dr. J., 187.
 Wrottesley, Lord, 158, 255.
 Würstenberger, General, 243.
 Wusung River, 153.
- Xire River, 27.
 Xumphon River, 212.
- Yaffa, 151.
 Yallata, 68.
 Yamout, 92.
 Yangtze, 62.
 Yang-tse Kiang, 6, 190, 217.
 Yarlberg, 241.
 Yarmouth Roads, 145.
 Yellow River, 60, 61, 62.
 Yemen, 54.
 York, Cape, 80, 81.

- Yoruba, 219, 220.
Young, Capt. Allen, 2, 7, 108, 153, 252.
Yule, Mr., 148.
Yunan, 61, 217, 218.

Zachaf, 27.
Zafarin Isles, 149.

Zambesi, 19 *et seq.*, 63, 67, 68, 71, 88,
178, 180, 182, 183.
Zambesi, Lower, 28.
Zemira, 18.
Ziegler, Prof. M. J., 203.
Zomba, Mount, 87.
Zumbo, 22, 27, 28.
Zürich, 222, 243, 244.

END OF VOL. IV.